

Patent Claims:

1. Single-track vehicle which comprises a brake control unit,  
c h a r a c t e r i z e d in that the brake control unit includes a means for actively assisting the driver by means of an active variation or limitation of a vehicle speed or of a quantity derived therefrom, in particular vehicle acceleration.
2. Single-track vehicle as claimed in claim 1,  
c h a r a c t e r i z e d in that the brake control unit is equipped with a vehicle speed controller for adjusting a desired vehicle speed by means of an automatic intervention into brake control and/or driving engine control.
3. Single-track vehicle as claimed in claim 1 or 2,  
c h a r a c t e r i z e d in that the brake control unit includes a vehicle acceleration controller for adjusting a desired vehicle acceleration by means of an automatic intervention into brake control and/or driving engine control.
4. Single-track vehicle as claimed in any one of claims 1 to 3,  
c h a r a c t e r i z e d in that a longitudinal controller is arranged for the purpose of actuation of a vehicle acceleration controller according to a

desired vehicle acceleration, the current vehicle acceleration, the current driving engine torque, and the current brake pressure.

5. Single-track vehicle as claimed in any one of claims 1 to 4,  
c h a r a c t e r i z e d in that the means for the active driver assistance comprise a cruise control system such as an ACC system, ICC system, or AICC system.
6. Single-track vehicle as claimed in any one of claims 1 to 5,  
c h a r a c t e r i z e d in that the means for the active driver assistance comprise a device for the vehicle drive-away assistance and/or for the vehicle hold assistance.
7. Single-track vehicle as claimed in any one of claims 1 to 6,  
c h a r a c t e r i z e d in that the means for the active driver assistance includes a device for stop-and-go control.
8. Single-track vehicle as claimed in any one of claims 1 to 7,  
c h a r a c t e r i z e d in that the means for the active driver assistance includes a device for the automatic conditioning of the brake system depending on the risk potential.

9. Single-track vehicle as claimed in any one of claims 1 to 8,  
c h a r a c t e r i z e d in that the means for the active driver assistance include a device for the automatic 'braking to become dry' of brake discs of the brake system.
10. Single-track vehicle as claimed in any one of claims 1 to 9,  
c h a r a c t e r i z e d in that the means for the active driver assistance include a device for the automatic vehicle deceleration for stabilization of the vehicle.